

Butte County

2008 WMA Base Funding Work Plan

MEMBER OF BUTTE COUNTY WEED MANAGEMENT AREA

Invasive Weed Monitoring, Detection and Management

January 1st, 2009 – December 31st, 2009

Counties covered in this Proposal: Butte County.

Primary Contract Lead Person:

Robert Hill, Deputy Agricultural Commissioner, Butte County Agricultural Commissioner's Office, 316 Nelson Road, Oroville, CA 95965-3318, (530) 538-7381

WMA Structure and Partners:

The Butte County Weed Management Area began collaborative Purple Loosestrife, Spanish and French Broom control programs in 1999. This grant will work cooperatively with the Resource Conservation Development Department to educate land owners in the infested areas. The group is structured through the Butte County Agricultural Department, which holds quarterly meetings and coordinates the WMA. The WMA group may include the following:

Butte County Department of Agriculture
Butte County Resource Conservation District
Butte County Farm Bureau
Butte County Department of Public Works
Butte County Dept. of Water & Resource Conserv.
Butte County Mosquito and Vector Control
Butte County Cattleman's Association
Butte County U.C. Cooperative Extension
Butte County Board of Supervisors
Butte County Fire Safe Council
Butte Creek Watershed Conservancy
Cal Fire

California Department of Food and Agriculture
California Department of Fish and Game
California Department of Transportation
California Department of Water Resources
California Department of Parks and Recreation
California Native Plant Society
California State University Chico, CSUC
U.S. Forest Service Plumas National Forest
U.S. Bureau of Land Management
Friends of Bidwell Park
Big Chico Creek Watershed Alliance

CONFIRMED, 1 Contract with Butte County. All Projects described in this work plan will be in one contract.

Project Objectives:

1. We will survey, monitor, treat and work towards eradication of the current known infestations of Spotted Knapweed (*Centaurea maculosa*) and Diffuse Knapweed (*Centaurea diffusa*) in Butte County. The infestation(s) are located in the area of Edgewood Lane in Paradise California, T22N-R03E-S25. This site was last treated and surveyed in April 2007.
2. We will survey, monitor, treat and work towards the eradication of current known infestations of Oblong Spurge (*Euphorbia oblongata*) in Butte County. The infestation(s) are located along Billie Rd, near an unnamed creek in Paradise California, T22N-R03E-S11.
3. Historical Eradication Project. During the 1960's, 1970's and the early 1980's Butte County spent considerable time on the detection, treatment and monitoring of noxious weeds, including; Artichoke Thistle, Canada Thistle, Bull Thistle, Dalmatian Toadflax, Dyer's Woad, Hoary Cress, Horsenettle, Italian Thistle, various Knapweeds, Oblong Spurge, Perennial Peppergrass, Purple Loosestrife, Russian Knapweed, Scotch Thistle and Skeleton Weed. We will begin to survey, monitor, treat (when applicable) and work towards the eradication of these historical weed infestation sites. This is a large project and may not be completed within a calendar year and therefore will depend on future funding sources.

Project Monitoring:

Task 1: GIS /GPS Mapping: Electronic mapping data and survey information will be gathered by the Agricultural Department. Mapping data will be centralized and made available to all partners in the project.

Task 2: Monitoring: Performance measures will include: taking photo points where appropriate, using the Point-Intercept method, confirming and/or developing GPS and GIS data and providing information back to Butte County Development Services GIS. Success of the eradication effort will be measured using GPS and by mapping of both the treated and as many untreated areas as this contract will allow. When possible the number of individual plants removed will be counted.

Task 3: Reporting: An Annual Report will be developed and submitted to CDFA at the close of the 2009 Base Funding year.

In-Kind Contributions:

- ◆ Butte County Agricultural Commissioner's Office: Triclopyr and Glyphosate equal to approximately \$1000.00.
- ◆ Butte County Public Works road crew: 10 hours @ \$42.50/ hr = \$425.00
- ◆ Butte County Public Works spray truck: 10 hours @ \$29.00/hr. = \$290.00